

ABSTRACT OF THE DISCLOSURE

A layout system suitable to produce a wide variety of layout templates using layout samples that may be very different from each other includes a template production device that determines the structure of each of a plurality of layout samples for each layout element and produces a template in which the layout distribution of layout elements and the likelihood of the layout distribution are represented, and a layout device to automatically laying out one or more new layout elements in accordance with the produced template. In this layout system, it is possible to produce layout templates from layout samples even if the layout samples are very different from each other. That is, it is possible to produce a wider variety of layout templates.